

PATENT ABSTRACTS OF JAPAN

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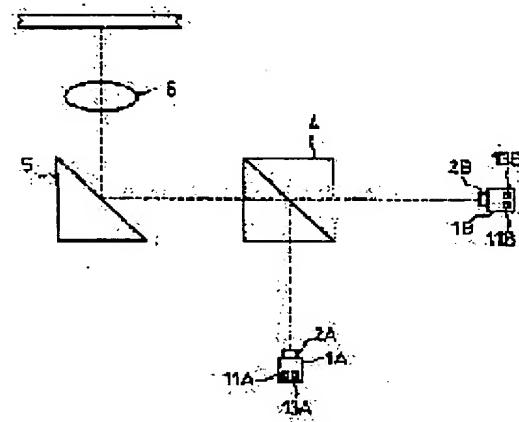
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(54) OPTICAL PICKUP DEVICE

(57) Abstract:

PROBLEM TO BE SOLVED: To conduct an information reproducing in a simple manner for two kinds of disks having different transparent base plate thicknesses.

SOLUTION: Laser units 1A and 1B, which emit the laser light beams having wavelengths corresponding to the disks are provided. An objective lens 6 is optimally set for the disk having a thin transparent substrate thickness. In the peripheral section of the reflected light beams from the disk which is not optimally set, the spherical aberration effect of the lens 6 is very strong because the disk is not set optimally. Thus, the peripheral section is separated from the light paths of light receiving elements 13A and 13B by holograms 2A and 2B provided on the units 1A and 1B side.



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